10th RA Bill.

015-22-000002

D5

# M. A. R. 57 (Rule 116) No. E

## Measurement Book

689848

Serial No. ..... Annual Maintenance of Street lights package D-5

Name of work ..... in T. Dasarahalli ward No 15 ..... From ..... 01.06.2024 ..... To ..... 30.06.2024.

Name of Contractor of nature of Agency ..... M/s. Prashanth Electricals.

Date of commencement of work ..... EE/E/e/D2/TEND/SAG/II/05/2023-24 dt: 15.03.2024
~~EE/E/e/D2/TEND/SWO/II/05/2023-24~~ dt: 15.03.2024

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2. | Operation and maintenance of Street lighting System including replacement of damaged/failed/fused out components like lamps, Tubes, chokes, ignitors, Capacitors, switches, wires, Holders, Starters and switching ON/OFF of Street lights at specified timing and pole numbering, Preparing wardwise, Streetwise data bank furnishing maintenance reports, everyday etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below 125 & HPMV Park lighting System. | 12 NO's | x Rs. 63.02 | x 1 Month | = | 756.24. | |

Assistant Engineer (E/e)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGIN
Bruhath Bangalore Mahana
Dasarahalli Zone, Ban

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# MEASUREMENT BOOK

| Date | Full description, etc. of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 3. | Operations & Maintenance of Smart lighting Systems including replacement of damaged/ Failed/ Fused components like drivers, relays, sensors, Gyro circuits, switches, wires, sockets, brackets, cord cutting, e.g. ON/OFF of Smart lights on Operational-Tracking pole numbering, inspecting wires, Smart meter boxes, Remarking maintenance reports, survey diary etc complete Bo as to access different burning of Smart lights detailed & records documents for processes type of Smart lighting Systems as detailed below poles within Depot Smart lighting Systems. | | | | | | |
| | | 854 nos × Rs. 324.45 × 1 month = 2,77,029.30 | | | | | |
| 4. | Operations & Maintenance of Smart lighting Systems including replacement of damaged/ Failed/ Fused components like drivers, relays, sensors, | | | | | | |

EE (Elø)
DZ

Assistant Engineer (Ele)
Mahanagara Palike

ASST. EXECUTIVE ENGINEER (E
Bruhath Bangalore Mahanagara P
Yelahanka Zone, Bangalore

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc. of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | cutting, Smart meter boxes, Remarking maintenance reports, survey diary etc complete Bo as to access different burning of Smart lights detailed & records documents for processes type of Smart lighting Systems as detailed below poles within Depot Smart lighting Systems. | | | | | | |
| | | 854 nos × Rs. 324.45 × 1 month = 3334.12 | | | | | |
| 3. | Operations & Maintenance of LED Smart lighting Systems including replacement of damaged/ Failed/ Fused components like LED drivers, relays, Surge protective device, Sensors, wires, sockets, Remote Observing | | | | | | |

Assistant Engineer (Ele)

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Weather proofing technic and switching ON/OFF of timing & pole numbering, Preparing ward wise, Street wise Street light data bank, Furnishing maintenance reports, every day etc, Complete so as to ensure efficient burning of Street lights detailed in tender documents for 21 watt to 40 watt LED | Confirming to IP65 Standards Specified parts/ Street lighting System | lights at | | Street | | |
| | | 473 No's x | RS. 73.38 x | 1 Month = | | 34685.09. | |
| 6. | Operation & Maintenance of LED Street lighting System including replacement of damaged/failed/fused out components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders, Starter observing weather proofing technic Confirming to IP 65 standards and Switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise | | | | | | |

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

**M. A. R. 57 (Rule 116)** **No. E**

Measurement Book

639850

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Street light data bank, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for 40 watt to 85W LED Street light lighting System. | | | | | | |
| | | 49 Nos x | Rs. 95.61 x | 1 Month = | | 4684.89. | |
| 7. | Operation Maintenance of LED Street lighting System including replacement of damaged/failed fused out components like LED drivers, MCPCB, Surge Protective device, Switches, wires, Holder, Starter observing weather proofing technic confirming to IP 65 standards and, Switching ON/OFF of | | | | | | |

Assistant Engineer (Ele)

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara

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# MEASUREMENT BOOK

| Date | Full description, etc. of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Street lights at Special Planning Committee being Proposing Street water, Street water Street lights during Monthly Preventive maintenance Jurisdiction, ward, Name, Group Number as per the details furnished by Executive Engineer (Ele) Street lights Division No 10 LED Street light lighting System. | | | | | | |
| | 2 = Nos x Rs. 114.81 x 1 Month = | | | | | | 3099.87 |
| | (1) 12% GST deduction | | | | | | 11852.66 |
| | (2) 18% GST add | | | | | | (-) 1486.72 |
| | | | | | | | 10480.94 |
| | | | | | | | (+) 1848.49 |
| | (3) Plus imposed fine for the months of April 2023 for non functioning lights | | | | | | 12329.43 |
| | | | | | | | 12537.87 |
| | | | | | | | 200.00 |

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

M. A. R. 57 (Rule 116) No. E

Measurement Book

639851

Serial No. _____

Name of work _____ From _____ To _____

Name of Contractor of nature of Agency _____

Date of commencement of work _____

| Date | Full description, etc. of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (4) 2% deduction for released Street lights scrap | | | | | | 2468.75 |
| | | | | | | Grand total | 120762.62 |

Certificate

1. The above said monthly maintenance work has been carried out satisfactorily.
2. The amount claimed in this bill has not been claimed in any other previous bill.

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |

Audited and admitted for Rs. 123437

Passed by Cheque for Rs. 115816

(one Lakh Fifteen thousand Eight Sixteen only

by adjustment Rs. 7621

Accounts Superintendent

Exe. Engineer (Ele)

B.B.M.P. Basarahalli Division

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